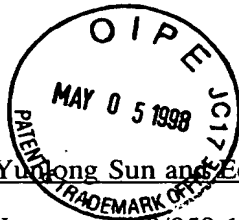


Reel

Certificate Under 37 CFR 3.73(b)



Applicant: Yunlong Sun and Edward J. Swenson

Application No.: 08/959,140

Filed: October 28, 1997

For: LASER SYSTEM FOR FUNCTIONAL TRIMMING OF FILMS AND DEVICES

Electro Scientific Industries, Inc., an Oregon corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of :

An assignment from the inventor(s), Yunlong Sun and Edward J. Swenson, of the parent U.S. Patent Application No.08/538,073, filed October 2, 1995, now U.S. Patent No. 5,685,995, to Electro Scientific Industries, Inc. The assignment was recorded in the U.S. Patent and Trademark Office on April 21, 1997 at Reel 8564, Frame 0116. The assignment document conveys "all divisions, reissues, continuations and extensions" of U.S. Patent Application No. 08/538,073.

The subject U.S. Patent Application No. 08/959,140 is a divisional of U.S. Patent Application No.08/538,073.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

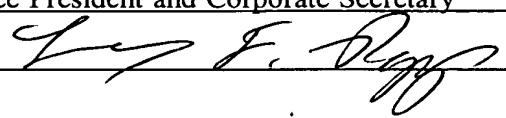
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

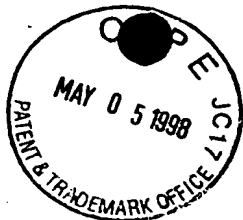
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 27 Apr. 1 1998

Name: Larry T. Rapp

Title: Vice President and Corporate Secretary

Signature: 



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 05, 1997

PTAS

STOEL RIVES LLP  
MICHAEL L. LEVINE  
900 SW FIFTH AVENUE, SUITE 2300  
PORTLAND, OR 97204-1268



\*100402150A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/21/1997

REEL/FRAME: 8464/0116  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SUN, YUNLONG

DOC DATE: 04/04/1997

ASSIGNOR:  
SWENSON, EDWARD J.

DOC DATE: 04/03/1997

ASSIGNEE:  
ELECTRO SCIENTIFIC INDUSTRIES, INC.  
13900 NW SCIENCE PARK DRIVE  
PORTLAND, OREGON 97229-5497

SERIAL NUMBER: 08538073  
PATENT NUMBER:

FILING DATE: 10/02/1995  
ISSUE DATE:

DIANE RUSSELE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

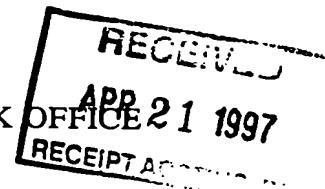


04-25-1997



100402150

TRADEMARK



Group Art Unit:

In re application of

**Yunlong Sun and Edward J. Swenson**

Application No. 08/538,073

Filed: October 2, 1995

For: **LASER SYSTEM AND METHOD FOR FUNCTIONAL  
TRIMMING OF FILMS AND DEVICES**

Date: April 16, 1997

Examiner:

ASSIGNMENT COVER LETTER

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

1. Name of conveying parties:  
Yunlong Sun  
Edward J. Swenson  

Execution Date:  
April 4, 1997  
April 3, 1997
2. Name and address of receiving party:  
Electro Scientific Industries, Inc.  
13900 NW Science Park Drive  
Portland, Oregon 97229-5497
3. Nature of conveyance:  
[ X ] Assignment  
[ ] Security Agreement  
[ ] Merger  
[ ] Change of Name  
[ ] Other: \_\_\_\_\_
4. [ X ] Application No.: 08/538,073  
[ ] This \_\_\_\_\_ is being filed concurrently with a new application. The execution date of the application is \_\_\_\_\_, 199\_.
5. Please direct all correspondence concerning this document to Michael L. Levine, at the following address:  
  
Stoel Rives LLP  
900 SW Fifth Avenue, Suite 2300  
Portland, Oregon 97204-1268  

420 UT 04/25/97 08538073  
1 581 40.00 CK
6. Total number patents or applications involved: 1.

7. Total fee: \$40.00.

☒ A check for \$40.00 in payment of the assignment recording fee is enclosed.

☐ The \$40.00 fee for recording this assignment is included in the \$\_\_\_\_\_ check submitted in payment of the total fee.

8. ☐ Please charge our Deposit Account No. 19-4455 in the amount of \$\_\_\_\_\_.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.

9. The information contained on this transmittal letter is true and correct to the best of the knowledge and belief of the person signing below, and any attached copy is a true copy of an original document.

Respectfully submitted,

Yunlong Sun and Edward J. Swenson

By Michael L. Levine  
Michael L. Levine  
Registration No. 33,947

Number of pages comprising the conveyance, cover letter, and any attachments: 5.

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2300  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 26860/33:43

PATENT APPLICATION

ASSIGNMENT

WHEREAS, we, YUNLONG SUN, of Portland, County of Washington, State of Oregon, and EDWARD J. SWENSON, of Portland, County of Washington, State of Oregon, have made inventions described in a United States patent application entitled **LASER SYSTEM AND METHOD FOR FUNCTIONAL TRIMMING OF FILMS AND DEVICES**, filed with the United States Patent and Trademark Office on October 2, 1995, and allotted Application No. 08/538,073; and

WHEREAS, ELECTRO SCIENTIFIC INDUSTRIES, INC., an Oregon corporation, having a place of business at 13900 N.W. Science Park Drive, Portland, Oregon 97229-5497, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, YUNLONG SUN and EDWARD J. SWENSON, hereby sell, assign, and transfer to ELECTRO SCIENTIFIC INDUSTRIES, INC the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States and elsewhere throughout the world, including foreign patent priority rights and the right to apply for patents in foreign countries in our names or in the name of ELECTRO SCIENTIFIC INDUSTRIES, INC., and further including all divisions and continuations of said application and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by ELECTRO SCIENTIFIC INDUSTRIES, INC., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will

communicate to ELECTRO SCIENTIFIC INDUSTRIES, INC., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid ELECTRO SCIENTIFIC INDUSTRIES, INC., and its successors and assigns, to obtain and enforce proper patent protection for said inventions in this or any foreign country.

Executed at Portland, State of Oregon, this  
4th day of April, 1997.

Yunlong Sun  
YUNLONG SUN

STATE OF OREGON                    )  
County of Washington            ) ss.

This 4th day of April, 1997, before me personally came the above-named YUNLONG SUN, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.



Jill M. Reed  
Notary Public for Oregon  
My commission expires: 11/3/98

Executed at Portland, State of Oregon, this  
3rd day of April, 1997.

Edward J. Swenson  
EDWARD J. SWENSON

STATE OF OREGON                    )  
County of Washington        ) ss.

This 3rd day of April, 1997, before me  
personally came the above-named EDWARD J. SWENSON, who executed the  
foregoing instrument in my presence, and who acknowledged to me that he  
executed the same of his own free will for the purposes set forth herein



Jill M. Reed  
Notary Public for Oregon

My commission expires: 11/3/98

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2300  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 26860/33:43 USA